

M/031/002



INTERSTATE BRICK

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RECEIVED

APR 01, 1991

**DIVISION OF
OIL GAS & MINING**

January 29, 1991

Division of Oil Gas and Mining

Due to the purchase of Interstate Brick Company by Pacific Coast it was brought to the attention of DOGM that the original reclamation plan had not been approved. This has created some problems of all concerning parties.

At this time there are two bonds covering the present mining operation. One is held by Questar Corporation which Interstate Brick is still paying for. The other was a replacement bond from Pacific Coast Corporation. In order for Questar's bond to be released the reclamation plan for that bond needs to have approval or conditional approval with condition pending a field inspection off the site when weather permits.

Conditional approval could release Questar's bond which is less money than the replacement bond by Pacific Coast which is in place at this time.

The person whom Interstate Brick Company subleased the ground from has indicated that he would take over the reclamation plan and replace the existing bond by Pacific Coast since we have terminated all mining operations at the site and he wishes to continue with that operation.

Interstate Brick Company would like to see these problems resolved as soon as possible to satisfy all concerned agencies involved.



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RECLAMATION PLAN FOR KOOSHAREM PIT

- 1- Slope behind stock pile which is present mining site shall maintain a 3 to 1 grade.
- 2- Stock pile to be moved to N-NE corner of pit and used to obtain the 3 to 1 grade.
- 3- Areas that trucks and machinery caused ground to be pack down will be ripped up to a 12" depth. This area includes access road to stock pile and around stock pile area, this area also includes approach to scale, and passed to access road leaving pit site.
- 4- Weigh scale to be removed and back filled.
- 5- The high wall to the South is approximately 15-20 high approximately 50-70 in length, approximately 20' wide. This wall would be taken to a slope grade of less than 45 degrees material to be used to fill this site would be taken from existing spoils stock piles that are to the far West to North-West side of this area.
- 6- Areas that require backfilling will be graded to avoid any impounding areas for water run-off.
- 7- Top soil stock pile is located on the North side of disturbed area, top soil will be spread over areas that are graded and ripped for reseeding.
- 8- Some areas within the mine site have naturally started reseeding, these areas have not been distributed since 1984 and have an abundance of grasses, sage and wild flowers. This area will be looked at by field inspection and weather permitting this spring to make a final decision on topsoil spreading and reseeding in reclaimed areas.
- 9- Map showing areas discussed above. Polaroid photos of area are described and show areas discussed on map.

Mine Reclamation Costs

Ripping

$$\begin{aligned}
 10 \times 500' &= 5000 \\
 150 \times 50' &= 7500 \\
 50 \times 50' &= \underline{2500} \\
 &15,000 \text{ ft}^2 \\
 &\underline{/ 43,560 \text{ ft}^2/\text{acre}} \\
 &.34 \\
 &.40
 \end{aligned}$$

Assume .3 m.p.h.

$$\begin{aligned}
 &.40 \text{ acre} \\
 &* 3.37 \\
 &= 1.35 \text{ hrs.} \\
 &\text{@ } 237.37 \text{ \$/hr.} \\
 &= \$320.50
 \end{aligned}$$

Dozing

$$\begin{aligned}
 \text{Total Area } 600 \times 450' &= 270,000 \text{ ft}^2 \\
 - (\text{Seeded Area } 300 \times 450') &= \underline{135,000 \text{ ft}^2} \quad \leftarrow \text{NATURALLY REVEGE. AREA} \\
 \text{Net Doze Area} &135,000
 \end{aligned}$$

$$\begin{aligned}
 &11.5 \text{ ft.} \\
 &= 202,500 \text{ ft.}^3 \\
 &\underline{/ 7,500 \text{ yd.}^3}
 \end{aligned}$$

Assume 200 ft. Ave. Push

$$\begin{aligned}
 &\underline{/ 487.93 \text{ c/y/hr}} \\
 &= 15.37 \text{ hrs.} \\
 &\underline{* \$207.87 \text{ hrs.}} \\
 &\approx \$3,200.00
 \end{aligned}$$

Total Cost:

\$320.50	Ripping *
<u>\$3,200.00</u>	<u>Dozing *</u>
\$3,520.50	Total Cat Cost

+ Seed
+ Fertilizer

$$600' \times 450' = 270,000 \text{ ft.}$$

$$= 6.2 \text{ acres}$$

$$= \$1480/\text{acres}$$

$$\rightarrow \$1,180$$

$$\Rightarrow \$1,480/\text{ACRE}$$

**Total = \$12,700 - 1990

Figure 1 Map: Area of disturbance approximately 450' x 600'.

Legend:

- 1- Present mining area
 - 1a. stockpile/reload pad
- 2- Topsoil stock pile
- 3- Spoil piles
- 4- Areas that have self reseeded-flat area
- 5- High wall area from past mining
- 6- Pack down areas
- 7- Scale
- 8- Photographs show areas discussed in mine area and on map.

FIGURE 1 MAP

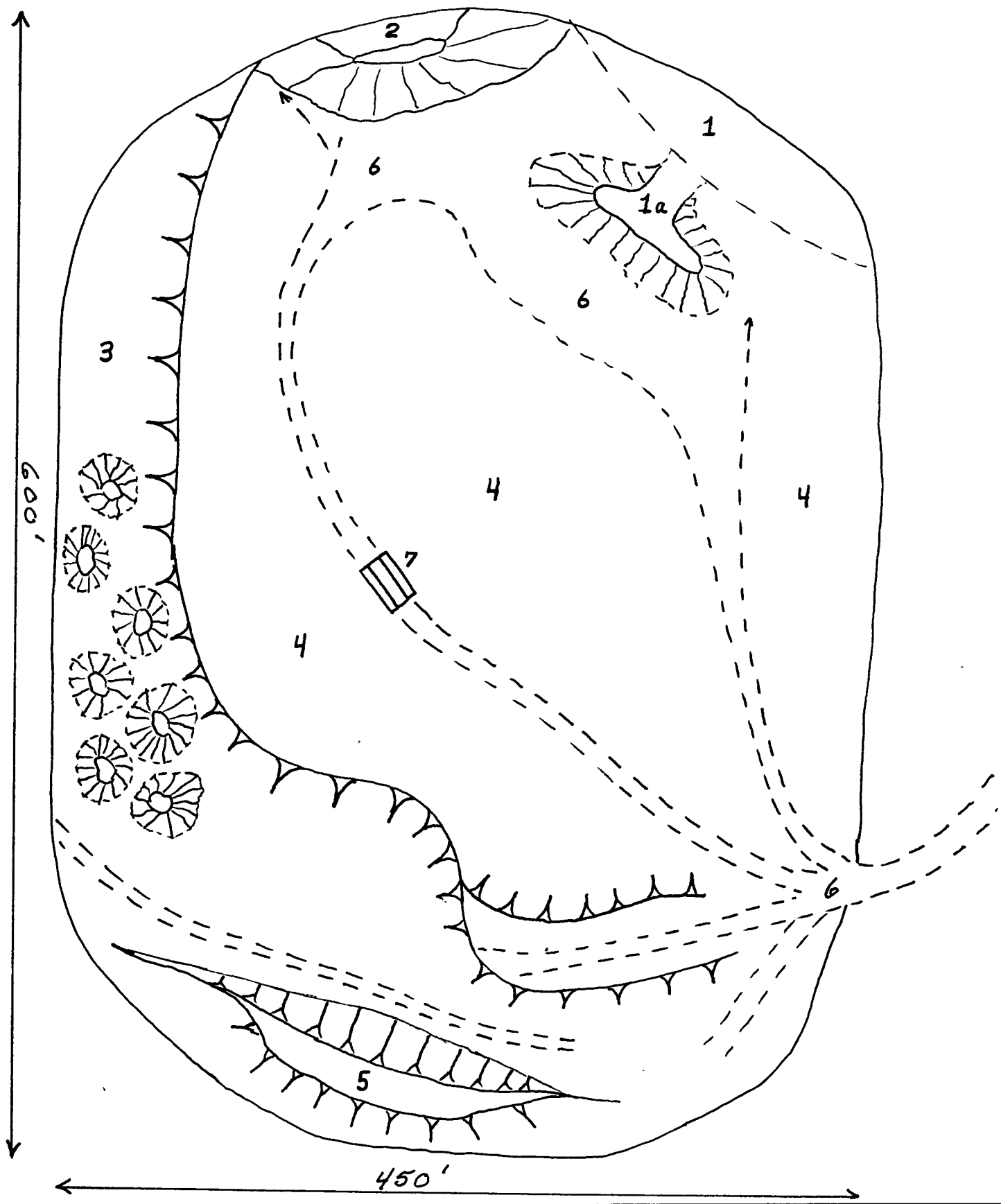
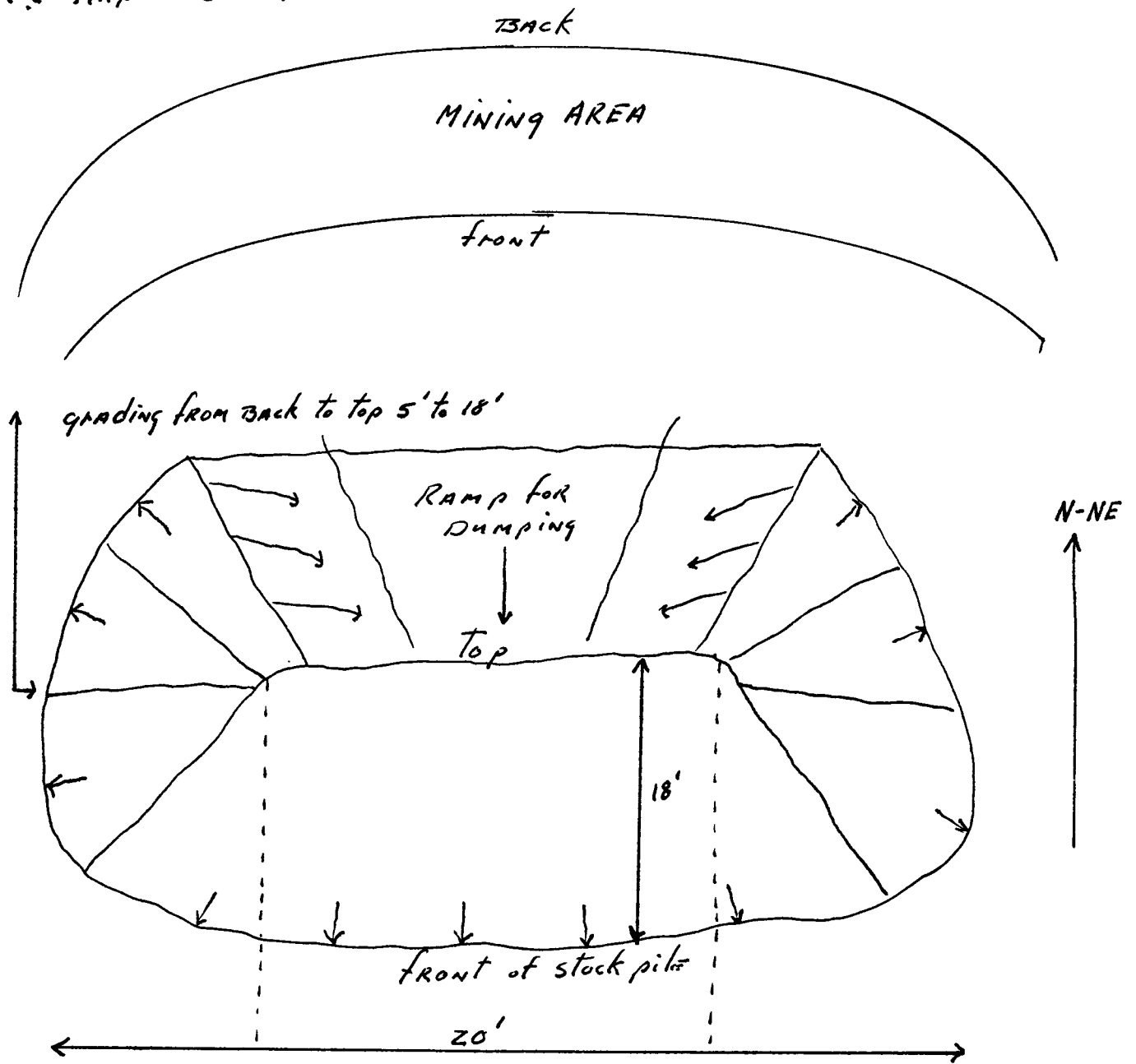


Fig 1a MAP of stock pile



Koosharm Pit

Photos:

- 1- Front of Pit
- 2- Back of Pit
- 3- Mining Area